

RECOVERY ACT UPDATE

July 7, 2011

Pump House structure on path to demolition



Demolition of the 181-KW River Pump House Structure, which once pumped more than 200,000 gallons of Columbia River water per minute to the K West Reactor System, is nearing completion.

A total of 15 facilities in the 100 K Area were targeted for demolition with Recovery Act funding. Through July 1, 13 facilities totaling more than 428,000 structural square feet have been removed from the area.

Hanford's largest treatment plant continues its rise

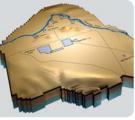




The past 10 months have seen the 200 West Groundwater Treatment Plant sprout from a nearly-barren construction site to its more than 50,000 square feet of building floor space and 70-foot –tall air stripper towers. As of June 30, construction of the facility stands at 82 percent complete, on target for start-up by year's end 2011.

Recovery Work FAST FACTS

















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The following chart outlines CH2M HILL's progress on some of its main Recovery Act work goals. For information about CH2M HILL's overall progress, including weekly Recovery Act reports and videos, visit www.plateauremediation.hanford.gov or contact chprcc@rl.gov.

PLUTONIUM FINISHING PLANT D&D

Remove 174 Gloveboxes 174 Gloveboxes 25 Structures Ready 20 Ancillary Structures for Demolition

SOLID WASTE STABILIZATION & DISPOSITION

Ship 1,800 m³ Mixed and Low-Level Waste for Treatment	1,752 m³	1,800 m³
Retrieve 2,500 m³ Suspect Transuranic (TRU) Waste 1,573 m³		2,500 m³
Repackage 850 m³ TRU Waste for Waste Isolation Pilot Plant		982 m³
Retrieve 50 m³ of suspect Remote-Handled TRU Waste		80 m³
Disposition 2,000 m³ of Contact-Handled TRU Waste	1,810 m³	2,000 m³
m³ = cubic meters		\mathbf{O}

SOIL & GROUNDWATER REMEDIATION

Install 243 Wells/Boreholes	281 Wells
Install 22 Wells (including 5 Tri-Party Agreement Wells) to Support 200 West Groundwater Treatment Facility	22 Wells
Decommission 280 Wells/Boreholes 272	280 Wells
Construct 200 West Groundwater Treatment Facility 82%	100%
Construct 100-DX Groundwater Treatment Facility	100%

NUCLEAR FACILITY D&D

U Plant Canyon Demolition	Continued Grouting of Cells	Demolition Ready
Complete D&D of 16 Facilities	on the Central Plateau	21 Facilities
Complete D&D of 18 Facilities i	n the Outer Zone	27 Facilities
Remediate 24 Waste Sites		34 Waste Sites
Disposition 15 Railcars	10 dispositioned (9 KPP*); 15 Ready for Dispos	sition 15 Railcars

100K AREA REMEDIATION

Complete D&D of 15 Facilities 15 Facilities 13 Facilities Overall (12 KPP* Facilities) **Remediate 23 Waste Sites** 29 Waste Sites



the total number completed with Recovery Act funds. "Completed" marks that CH2M HILL has completed a KPP.



